UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/771,737	01/29/2001	Raymond J. Sabbagh	D/A0602 XER 2 0376	1177

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EXAMINER
EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
2626	

DATE MAILED: 06/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

		Application No.	Applicant(s)
		09/771,737	SABBAGH ET AL.
Office Action Summary		Examiner	Art Unit
		Saeid Ebrahimi-dehKordy	2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>26 November 2004</u>.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-24* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☒ Claim(s) *15* is/are allowed.

6)☒ Claim(s) *1-14 and 16-24* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

Response to Amendment

1.   Applicant's arguments with respect to claim 1-24 have been considered but are moot in

view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3.   Claim1-8, 11,13-14 and 16-24 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Al-Kazily et al (U.S. patent 6,621,589) in view of Zehr et al (Pub. No.: US 20010025274)

Regarding claim 1 and 6 Al-Kazily et al disclose: An augmented operating

system printing architecture (please note Fig.2, column 4 lines 30-48) including: a

standard print driver with enhancements for collecting a plurality of print job attributes

when a print job is initiated on a client in a networked environment (please note column

9 lines 5-12) for communicating said print job attributes to a print server in the

networked environment (please note column 8 lines 60-67 and column 9 lines 1-16) and

for rendering said print job according to such print job attributes on the print server

(please note column 4 lines 49-67 and column 5 lines 1-16) and, an agent service on

the print server for receiving and at least temporarily retaining the print job attributes

communicated from the client (please note Fig.2 column 4 lines 64-67 and column 5

lines 1-16) However Al-Kazily et al does not quite disclose: wherein the plurality of print

job attributes include print job accounting information, the print job accounting

information including a charge account code,wherein the agent service is adapted to
retain the charge account code for collection by a business-to-business accounting
system. On the other hand Zehr et al disclose: wherein the plurality of print job attributes
include print job accounting information (please note page 3 paragraph 0036 lines 1-10,
the cost attribute which is used for amount of money that the printing service would
charge to complete the printing task of a print job, also note page 4 paragraph 0040
where the charge account is set up "the preapproved corporate accounts for users to be
able to charge the printing and advertisement of the print job) the print job accounting
information including a charge account code, wherein the agent service is adapted to
retain the charge account code for collection by a business-to-business accounting
system (note page 4 paragraph 0040 where the code in this case would be setting the
account in such a way for the user to incorporate the advertisement to the print job or in
this case email). Therefore it would have been obvious to a person of ordinary skill in art
at the time of the invention to modify Al-Kazily et al invention according to the teaching
of Zehr et al, where Zehr et al in the same filed of endeavor teach the way the attributes
or the print job "email" is included cost attributes which used by the corporate accounts
to further optimize the printing of a job on the network environment.

Regarding claim 2 Al-Kazily et al disclose: The augmented operating system
printing architecture as set forth in claim 1, further including a standard print spooler
with enhancements on the client for communicating the print job to the print server
(please note Fig.2 item 222 where the job attributes are communicated between the
computer and server, column 4 lines 49-67).

Regarding claim 3 and 7 Zehr et al disclose: The augmented operating system printing architecture as set forth in claim 1, wherein the standard print driver with enhancements on the client further includes an augmented user interface for collecting at lest one of the plurality of print job attributes related to print job accounting (please note page 3 paragraph 0036 where cost attribute is used for accounting)

Regarding claim 4 Al-Kazily et al disclose: The augmented operating system printing architecture as set forth in claim 1, further including a standard print spooler with enhancements on the print server for receiving the print job communicated from the client for controlling and managing the processing of the print job and for directing the print job to a target device (please note Fig.2 column 2 lines 30-67).

Regarding claim 5 and 8 Zehr et al disclose: The augmented operating system printing architecture as set forth in claim 4, wherein the plurality of print job attributes include distribution information (note page 3 paragraph 0034) the distribution information including information associated with sending the print job to multiple recipients (note page 3 paragraph 0034) Wherein the standard print driver with enhancements on the client further includes: an augmented user interface for collecting at least one of the plurality of print job attributes related to sending the print job to multiple recipients and, the standard print spooler with enhancements on the print server further includes: a custom language monitor for accessing the print job attributes retained by the agent service for determining that the print job has been directed to multiple recipients and for generating a plurality of copies of the print job one for each of the multiple recipients (please note Fig.2 page 5, paragraph 0048).

Regarding claim 11 Al-Kazily et al disclose: A method for sending a print job

from a Windows.sup..RTM. 2000 platform client to a print server, comprising the

following steps: a) initiating the print job from an application on the Windows.sup..RTM.

2000 platform client (please note Fig.2 item 224 where the application is generating

data) b) collecting a plurality of print job attributes for the print job on the

Windows.sup..RTM. 2000 platform client (please note column 9 lines 6-11) c)

communicating the print job attributes from the Windows.sup..RTM. 2000 platform client

to the print server (please note column 4 lines 49-67 and column 5 lines 1-16) and, d)

rendering the print job according to the print job attributes on the print server (please

note column 5 lines 2-16). However Al-Kazily et al does not disclose: wherein the

plurality of print job attributes include print job accounting information; the print

accounting information including a charge account code. On the other hand Zehr et al

disclose: wherein the plurality of print job attributes include print job accounting

information (please note page 3 paragraph 0036 lines 1-10, the cost attribute which is

used for amount of money that the printing service would charge to complete the

printing task of a print job, also note page 4 paragraph 0040 where the charge account

is set up "the preapproved corporate accounts for users to be able to charge the printing

and advertisement of the print job) the print accounting information including a charge

account code (note page 4 paragraph 0040 where the code in this case would be

setting the account in such a way for the user to incorporate the advertisement to the

print job or in this case email). Therefore it would have been obvious to a person of

ordinary skill in art at the time of the invention to modify Al-Kazily et al invention

according to the teaching of Zehr et al, where Zehr et al in the same filed of endeavor

teach the way the attributes or the print job "email" is included cost attributes which

used by the corporate accounts to further optimize the printing of a job on the network

environment.

Regarding claim 13 Zehr et al disclose: The method of claim 11, wherein step a)

further includes: e) selecting distribution of the print job to multiple recipients (pleas note

page 3 paragraph 0034) and, wherein step b) further includes: f) collecting a plurality of

print job attributes related to distribution information for the multiple recipients of the

print job (please note page 7 paragraph 0067)) and, further including the following step

after step d): g) generating a plurality of copies of the print job one for each of the

multiple recipients (please note page 5 paragraph 0050).

Regarding claim 14 Al-Kazily et al A method for sending a print job from an

application on a Windows.sup..RTM. 2000 platform to a local print queue, comprising

the following steps: a) initiating the print job from the application (please note Fig.2 item

224 application which generates print job b) selecting distribution of the print job to

multiple recipients (please note column 4 lines 18-22) c) collecting a plurality of print job

attributes (please note column 4 lines 42-45) d) rendering the print job according to the

print job attributes (please note column 4 lines 45-48) and, e) generating a plurality of

copies of the print job one for each of the multiple recipients (please note column 4 lines

18-22) However Al-Kazily et al does not quite disclose: wherein the plurality of print job

attributes include distribution information the distribution information including

information associated with sending the print job to multiple recipients of the print job.

On the other hand Zehr et al disclose: wherein the plurality of print job attributes include

distribution information the distribution information including information associated with

sending the print job to multiple recipients of the print job (please note page 4 paragraph

0043, also note Fig.2 item 36 where the recipient database is used for fetching recipient

addresses to sent the email to). Therefore it would have been obvious to a person of

ordinary skill in art at the time of the invention to modify Al-Kazily et al invention

according to the teaching of Zehr et al, where Zehr et al in the same filed of endeavor

teach the way the attributes or the print job "email" is included cost attributes which

used by the corporate accounts to further optimize the printing of a job on the network

environment.

Regarding claim 16,20 and 23 Al-Kazily et al disclose: An augmented operating

system printing architecture, including: a standard print driver with enhancements for

collecting a plurality of print job attributes when a print job is initiated on a client in a

networked environment (note column 9 lines 7-12) for communicating said print job

attributes to a print server in the networked environment (note Fig.4 column 8 lines 28-

50) and for rendering said print job according to such print job attributes on the print

server (note column 4 lines 64-67 where the print queue is designated to queue the jobs

from the user). However AL-Kazily et al do not quite teach: an agent service on the

print server for receiving and at least temporarily retaining the print job attributes

communicated from the client wherein the plurality of print job attributes include

distribution information the distribution information including a first recipient name and a

first telephone number associated with sending the print job as a fax to the first recipient

On the other hand Zehr et al disclose: an agent service on the print server for receiving and at least temporarily retaining the print job attributes communicated from the client (note page 4 paragraph 0040 where the code in this case would be setting the account in such a way for the user to incorporate the advertisement to the print job or in this case email). wherein the plurality of print job attributes include distribution information (please note Zehr, Fig.2 item 36 where the recipient's attributes are located, page 4 paragraph 0043) the distribution information including a first recipient name and a first telephone number associated with sending the print job as a fax to the first recipient (note page 4 paragraphs 0046&0047). Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Al-Kazily et al invention according to the teaching of Zehr et al, where Zehr et al in the same filed of endeavor teach the way the attributes or the print job "email" is included cost attributes which used by the corporate accounts to further optimize the printing of a job on the network environment.

Regarding claim 17 Al-Kazily et al disclose: The augmented operating system printing architecture as set forth in claim 16, further including a standard print spooler with enhancements on the print server for receiving the print job communicated from the client, for controlling and managing the processing of the print job, and for directing the print job as a fax to a target device (note column 4, lines 20-27).

Regarding claim 18 and 21 Al-Kazily et al disclose: The augmented operating system printing architecture as set forth in claim 17, wherein the standard print driver with enhancements on the client further includes: an augmented user interface for

collecting at least one of the plurality of print job attributes related to sending the print

job as a fax to one or more recipients; and, the standard print spooler with

enhancements on the print server further includes: a custom language monitor for

accessing the print job attributes retained by the agent service, for determining that the

print job has been directed as a fax to one or more recipients and for generating a copy

of the print job for each recipient (please note column 4 lines 23-27 where the facts for

the claims 1and 14 would be through for this claim as it defines on column 4 lines 23-

27)..

Regarding claim 19, 22 and 24 Al-Kazily et al disclose: The augmented

operating system printing architecture as set forth in claim 16, wherein the distribution

information includes a second recipient name and a second telephone number

associated sending the print job as a fax to the second recipient (note column 4 lines 23

26).

Allowable Subject Matter

4.   Claim 15 is allowed.

Although applicant on page 12 lines 7-13 has added the limitation "wherein the plurality

of print job attributes include print job accounting information, the print job accounting

information including a charge account code, wherein the agent service is adapted to

retain the charge account code for collection by a business-to-business accounting

system" to put the claim in allowance condition, the reason for allowance lies on the

prior art not being able to disclose electrophotogrphic printer that includes an imaging

and exposing station, a photoreceptor, developing station, a transferring station and a

fusing station collectively with the rest of the limitations of the claim.

Conclusion

5.   Applicant's amendment necessitated the new ground(s) of rejection presented in this

Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the date of this

final action.

Contact Information

➢ Any inquiry concerning this communication or earlier communications from the

   examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number

   is (571) 272-7462.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to

5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Kimberly Williams, can be reached at (571) 272-7471.

Any response to this action should be mailed to:

Assistant Commissioner for Patents

Washington, D.C. 20231

Or faxed to:

(703) 872-9306, or (703) 308-9052 (for *formal* communications; please mark
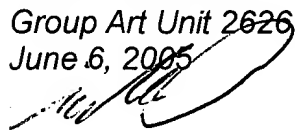
"EXPEDITED PROCEDURE")

Or:

(703) 306-5406 (for *informal* or *draft* communications, please label "PROPOSED" or "DRAFT")

Hand delivered responses should be brought to Knox building on 501 Dulany Street, Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy
Patent Examiner
Group Art Unit 2626
June 6, 2005

KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER